

CLAIMS

1. A method of indexing and retrieving user specified frames during recordation and playback of video images comprising the steps of:
  - (a) providing a hard copy representation of any user specifiable image frame during contemporaneous recordation or playback of video images, said hardcopy having an image and corresponding encoded frame location information for locating said image; and
  - (b) retrieving said user specifiable image frame by using the hardcopy to access the image location by reading the encoded information.
2. The method as in claim 1, wherein said providing step (a) includes the step of employing a video image capture device capable of recordation and playback of video images such as a video cassette recorder or a video disc.
3. The method as in claim 1 wherein said providing step (a) includes the step of employing a printing device for providing a hardcopy representation of the user specifiable image that can serve as a quick access for locating a desired image as well as the location of the image.
4. The method as in claim 1 wherein said providing step (a) utilizes a bar code for locating said pattern of intelligence on said encoded frame location information.
5. The method as in claim 1 wherein said providing step (a) utilizes a magnetic stripe for digital data or sound recording.
6. The method as in claim 1 further including a storing step for storing said user specifiable image and corresponding encoded frame location

information, said storing step occurring between the provision step and retrieval step.

7. The method as in claim 6 wherein the storing step provides a video album for physical storing of hardcopy representation of images.
8. The method as in claim 1 wherein said retrieving step (b) provides employing a scanning device to locate quickly and automatically the location of said user-specifiable image frame to read said encoded frame location information and transmit said information to said video image playback device.
9. The method as in claim 3 wherein the printing device is a thermal image transfer device.
10. A method of retrieval of user specified frames during recordation and playback of video images by way of random access of a desired frame on a video disc comprising the steps of:
  - (a) providing an index representation of any user specifiable image frame during contemporaneous recordation or playback of video images, said index having an image and corresponding encoded frame location information for locating said image;
  - (b) providing a selected sequence of frames after reviewing and editing said desired frames;
  - (c) converting said sequence into a digital form to write to a recordable digital video disc;
  - (d) providing location identifying marks on the recordable digital video disc;
  - (e) writing the location identifying marks on the header track of the disc to provide quick and easy access;

- (f) providing a hardcopy representation of any user specifiable image or said sequence of images so as to provide jacket cover for the video.
11. The method as in claim 9, wherein said providing step (a) includes the step of employing a video image capture device capable of recordation and playback of video images such as a video cassette recorder or a digital video disc recorder.
12. The method as in claim 9 wherein the providing step (d) of hardcopy representation in step (d) includes the step of employing a printing device.
13. The method as in claim 9 wherein said encoded frame location information in step (a) can be in the form of a bar code.
14. The method as in claim 9 wherein said encoded frame location information in step (a) can be in the form of a magnetic stripe.
15. The method as in claim 9 wherein said hardcopy representation in step (d) can be obtained during recordation or playback of a video recording.
16. The method as in claim 13 wherein the printing device is a thermal image transfer device
17. The method as in claim 9 wherein the providing step (d) provides a single image.

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**PATENT APPLICATION**

18. The method as in claim 9 wherein the jacket cover representation as in step (d) contains thumbnail representations of user specifiable image frames.